

## **Focus Area 15: Injury and Violence Prevention**

**Objective 15-1** calls for reduction in the hospitalization rate for nonfatal head injuries to 54.0 per 100,000 population.

Hospital discharge data for 2000 indicates a total of 21,467 discharges with a principal diagnosis of nonfatal head injury among California residents, which translates to a rate of 64.9 hospitalizations per 100,000 population (Figure 15-1, Table 15-1). Data for 2001 show 21,068 discharges at a rate of 62.2 per 100,000 population; data for 2002 show 22,831 discharges at a rate of 66.0 per 100,000; and data for 2003 show 24,379 discharges at a rate of 69.0 per 100,000. These rates are significantly higher than the HP2010 objective, and increasing away from the target.

The nonfatal head injury hospitalization rates for males (95.0 per 100,000 in 2003) were more than twice the rates for females (43.3 per 100,000 in 2003) and significantly higher than the HP2010 objective. This HP2010 objective is being met for females, but not for males.

Examined by race and ethnicity, the highest nonfatal head injury hospitalization rates were found for Whites (74.7 per 100,000 in 2003), followed by African Americans/Blacks (69.4 per 100,000 in 2003), and by Hispanics/Latinos (64.4 per 100,000 in 2003). Hospitalization rates for Asians/Pacific Islanders and for American Indians/Alaska Natives were significantly lower than the HP2010 target, and this objective is being achieved for these two racial and ethnic populations.

Selected populations of persons aged 75 years and over had rates that were four times higher than the HP2010 target, while males aged 15-25 years had rates that were more than twice as high as the HP2010 target. The HP2010 objective is not being met for either of these two selected age and gender groups.

For more information on nonfatal head injuries, visit the CDHS Chronic Diseases and Injury Control (CDIC) Web site at: <http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) Web site at: <http://www.dhs.ca.gov/epic/>

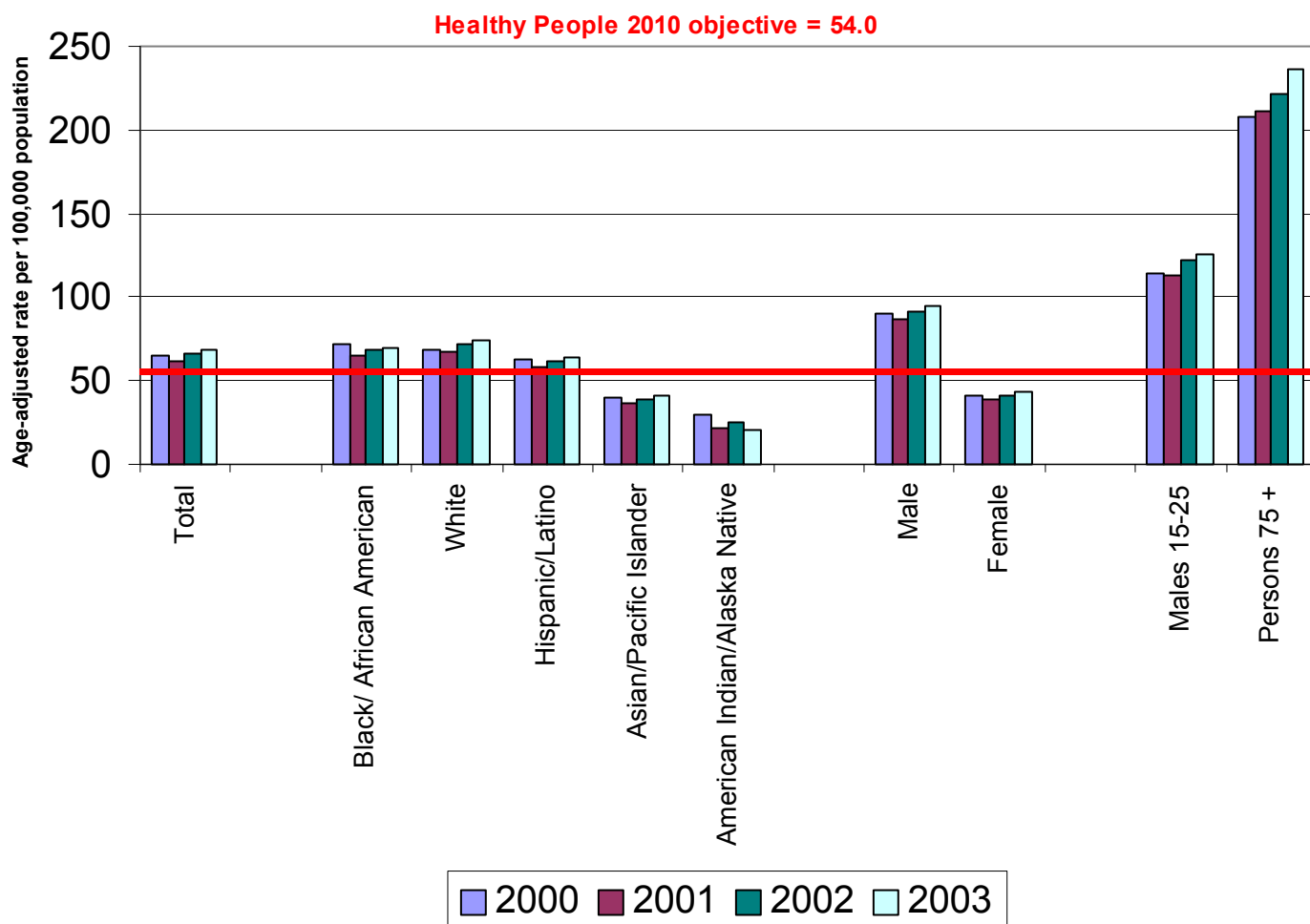
For more information on Healthy People 2010 objective 15-1, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

**Figure 15-1**  
**Nonfatal Head Injury Hospitalization Rates**  
**California, 2000-2003**



**Table 15-1**  
**Nonfatal Head Injury Hospitalization Rates**  
**California, 2000-2003**

Nonfatal Head Injury Hospitalizations*	2000				2001			
	Number	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Number	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Healthy People 2010 Target</b>		<b>54.0</b>				<b>54.0</b>		
<b>CALIFORNIA TOTAL</b>	21,467	64.9	64.0	65.8	21,068	62.2	61.4	63.1
<b>Race-Ethnicity</b>								
American Indian/Alaska Native	54	29.3	21.2	37.4	46	22.0	15.3	28.7
Asian/Pacific Islander	1,329	39.8	37.5	42.0	1,316	36.9	34.8	38.9
Black/ African American	1,548	71.9	68.3	75.6	1,425	65.1	61.6	68.5
Hispanic/Latino	5,993	62.8	60.8	64.7	5,742	58.5	56.7	60.4
White	11,259	68.1	66.8	69.3	11,233	67.4	66.1	68.7
<b>Gender</b>								
Female	7,036	41.0	40.0	42.0	6,837	38.7	37.8	39.7
Male	14,431	89.8	88.3	91.3	14,230	86.5	85.1	88.0
<b>Selected Populations<sup>2</sup></b>								
Males aged 15-25	3,188	114.3	110.3	118.3	3,221	113.5	109.6	117.4
Persons aged 75 and over	3,597	207.5	200.8	214.3	3,838	211.1	204.4	217.7

Nonfatal Head Injury Hospitalizations*	2002				2003			
	Number	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Number	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Healthy People 2010 Target</b>		<b>54.0</b>				<b>54.0</b>		
<b>CALIFORNIA TOTAL</b>	22,831	66.0	65.1	66.9	24,379	69.0	68.1	69.9
<b>Race-Ethnicity</b>								
American Indian/Alaska Native	55	25.4	18.2	32.6	54	20.2	14.7	25.7
Asian/Pacific Islander	1,399	38.3	36.2	40.3	1,541	40.7	38.6	42.7
Black/ African American	1,556	68.9	65.4	72.4	1,610	69.4	65.9	72.8
Hispanic/Latino	6,286	61.1	59.3	62.9	6,770	64.4	62.6	66.2
White	12,104	71.8	70.5	73.1	12,748	74.7	73.4	76.0
<b>Gender</b>								
Female	7,379	40.8	39.9	41.7	8,001	43.3	42.3	44.2
Male	15,450	91.5	90.0	93.0	16,375	95.0	93.6	96.5
<b>Selected Populations<sup>2</sup></b>								
Males aged 15-25	3,527	122.3	118.3	126.3	3,697	125.7	121.6	129.7
Persons aged 75 and over	4,201	221.4	214.8	228.1	4,619	236.3	229.5	243.1

Sources: CA Department of Health Services, OSHPD Patient Discharge Data, 2000-2003;  
CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

Notes: \* ICD-9-CM codes 800-801, 803-804, 850-854, 870-873, 925; Principal Diagnosis only.

<sup>1</sup> Rate per 100,000 population, age-adjusted using the 2000 US Standard Population.

<sup>2</sup> Age- and sex-specific rate for males aged 15-25; age-specific rate for persons aged 75 and over.